



Risk of death related to psychotropic drug use in older people during the European 2003 heatwave: A population-based case-control study

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Abstract:

OBJECTIVE: The authors investigated the association between death of older people and use of psychotropic drugs before and during the Western European August 2003 heatwave. **METHOD:** A retrospective population-based case-control study was conducted using the French social security insurance national database. Exposure to psychotropic drugs in cases aged 70-100 years who died before (N Euro Surveillance (Bulletin Européen Sur Les Maladies Transmissibles; European Communicable Disease Bulletin) 2,093) and during (N Euro Surveillance (Bulletin Européen Sur Les Maladies Transmissibles; European Communicable Disease Bulletin) 9,531) the August 2003 heatwave was compared with those of survivors matched for age, gender, and presence of chronic illness, by using conditional logistic regressions. **RESULTS:** The association between death and psychotropic drug use was modified by level of external temperature (Wald χ^2 Euro Surveillance (Bulletin Européen Sur Les Maladies Transmissibles; European Communicable Disease Bulletin) 13.1, degree of freedom Euro Surveillance (Bulletin Européen Sur Les Maladies Transmissibles; European Communicable Disease Bulletin) 1, p

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Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Temperature

Temperature: Extreme Heat

Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Non-United States

Climate Change and Human Health Literature Portal

Non-United States: Europe

European Region/Country: European Country

Other European Country : France

Health Impact: ☒

specification of health effect or disease related to climate change exposure

Mental Health/Stress, Morbidity/Mortality

Mental Health Effect/Stress: Substance-Induced Disorder

Population of Concern: A focus of content

Population of Concern: ☒

populations at particular risk or vulnerability to climate change impacts

Elderly

Resource Type: ☒

format or standard characteristic of resource

Research Article

Timescale: ☒

time period studied

Time Scale Unspecified